

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

402.02D

Setting up Emergency Lighting

Discipline: Firefighter Safety
Effective: 1/1/2001
Revised: 7/5/2010
Replaces: Firefighter Benchmark #22

Anne Huff, Fire Chief

I. Objective

The firefighter, given a portable power or mounted power plant, lights, cords, and connectors, shall set up emergency lighting for fire ground operation and identify at least three potential safety hazards when working with electricity on the fireground.

II. Instructions – Procedures for Achieving the Objective

Given a portable power or mounted power plant with lights, cords, and connectors, you shall set up and operate lighting equipment to illuminate a simulated fireground. You will identify and verbally describe the safety procedures to be observed when using fire service lighting equipment. You will identify at least three potential safety hazards when working with electricity on the fireground. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The firefighter will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Portable or mounted power supply
- B. Lights
- C. Electrical cords
- D. Connectors
- E. Ground-fault interrupter (GFI)

V. Reference Sources

- A. TCFP, Performance Standard, Section 122-11.01
- B. NFPA, 1001 3-3.16 Firefighter 1
- C. IFSTA, Self – Contained Breathing Apparatus, 2nd Edition, pages 186-188

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Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

If the firefighter:

(No partial points given)

- a) Safely lifts equipment during set up 2.0 _____
- b) Locates the power plant in a remote and well ventilated position..... 2.0 _____
- c) Arranges power cords neatly to minimize tripping hazards..... 1.0 _____
- d) Organizes lights in a useful position and illuminates area sufficiently 1.0 _____
- e) Shuts down equipment properly 1.0 _____
- f) Verbalizes the need to allow equipment to cool before returning
to service..... 1.0 _____
- g) Verbalizes that equipment will need to be cleaned and refueled..... 1.0 _____
- h) Identifies at least three potential safety hazards when working with
electricity on the fire ground which may include but is not limited to:..... 1.0 _____

- Notify power company as soon as possible
- Do not use solid hose streams
- Electric wires should not be cut except by power company
- Treat all wiring as if it were live high voltage
- When downed lines are encountered, establish a danger zone

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
10	7	First			
		Second			
		Third			